

# Author Index

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### KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article	ET = Ethics in	PP = President's Page
AB = Abstract	Cardiothoracic Surgery	RE = Report
AN = Announcement	HW = How to Do It	RV = Review of Recent Books
CP = Correspondence	IC = Invited Commentary	SH = Our Surgical Heritage
CR = Case Report	IM = Images in	SP = Statistician's Page
CV = Current Review	Cardiothoracic Surgery	TR = Tribute
DI = Discussion	KR = Key References	UP = Update
ED = Editorial	NT = New Technology	
ER = Erratum	PA = Presidential Address	

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# Subject Index

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### KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

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* = Original Article	ET = Ethics in	PP = President's Page
AB = Abstract	Cardiothoracic Surgery	RE = Report
AN = Announcement	HW = How to Do It	RV = Review of Recent
CP = Correspondence	IC = Invited Commentary	Books
CR = Case Report	IM = Images in	SH = Our Surgical Heritage
CV = Current Review	Cardiothoracic Surgery	SP = Statistician's Page
DI = Discussion	KR = Key References	TR = Tribute
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ER = Erratum	PA = Presidential Address	

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**Bone marrow cells**

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**Bovine albumin-glutaraldehyde glue**

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- Coronary embolization in bullet wounds: role of perioperative coronary angiography (Raisky, Metton, & others) 2007;84:274-6, CR
- New method of thermal coronary angiography for intraoperative patency control in off-pump and on-pump coronary artery bypass grafting (Iwahashi, Tashiro, & others) 2007;84:1504-7\*
- Coronary artery aneurysms**
- Giant right coronary artery aneurysm (Blank, Haager, & others) 2007;84:1740-2, CR
- Successful revascularization of multiple coronary artery aneurysms using a combination of surgical strategies (Ghanta, Paul, & Couper) 2007;84:e10-11, CR
- Surgical treatment of a giant coronary artery aneurysms: a modified approach (Agarwal, Jeevanandam, & Jolly) 2007;84:1392-4, CR
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- $\beta$ -Blocker prophylaxis for atrial fibrillation after coronary artery bypass grafting in patients with sympathovagal imbalance (Budeus, Feindt, & others) 2007;84:61-6\*; Invited Commentary (Vicol) 2007;84:66, IC
- Catheter-based endoscopic bypass grafting: an experimental feasibility study (Jacobs, Holzhey, & others) 2007;84:1724-8, NT; Invited Commentary (Ott) 2007;84:1727-8, IC
- Coronary artery bypass grafting versus coronary implantation of sirolimus-eluting stents in patients with diabetic retinopathy (Ohno, Takamoto, & others) 2007;84:1474-8\*
- Coronary artery bypass grafting with single cross-clamp results in fewer persistent neuropsychological deficits than multiple clamp or off-pump coronary artery bypass grafting (Hammon, Stump, & others) 2007;84:1174-9\*; Discussion (Baumgartner & Hammon) 2007;84:1178-9, DI
- Does the number of grafts influence surgeon choice and patient benefit of off-pump over conventional on-pump coronary artery revascularization in multivessel coronary artery disease (Lattouf, Puskas, & others) 2007;84:1485-95\*; Discussion (Edwards & Lattouf) 2007;84:1494-5, DI
- Epicardial ultrasonography: a potential method for intraoperative quality assessment of coronary bypass anastomoses? (Hol, Andersen, & others) 2007;84:801-7\*
- Influence of pleurotomy on pulmonary function after off-pump coronary artery bypass grafting (Guizilini, Gomes, & others) 2007;84:817-22\*; Invited Commentary (Nicolosi) 2007;84:822, IC
- Intraoperative hyperglycemia and cognitive decline after CABG (Puskas, Grocott, & others) 2007;84:1467-73\*
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- Minimal extracorporeal circulation is a promising technique for coronary artery bypass grafting (Immer, Ackermann, & others) 2007;84:1515-21\*; Discussion (Cleveland & Immer) 2007;84:1521, DI
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- Neurocognitive outcomes 3 years after coronary artery bypass graft surgery: a controlled study (Selnes, Grega, & others) 2007;84:1885-96\*
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- Off-pump coronary artery bypass grafting with skeletonized bilateral internal thoracic arteries in insulin-dependent diabetes (Kai, Hanyu, & others) 2007;84:32-7\*; Invited Commentary (Perrault & Mommerot) 2007;84:36-7, IC
- Off-pump coronary artery bypass graft surgery with a pulsatile catheter pump for left ventricular dysfunction (Mariani, Diephuis, & others) 2007;84:690-2, HW
- Off-pump techniques benefit men and women and narrow the disparity in mortality after coronary bypass grafting (Puskas, Edwards, & others) 2007;84:1447-56\*; Discussion (Lytle, Puskas, & Rankin) 2007;84:1454-6, DI
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- Pituitary apoplexy and CABG: should we change our strategy? (Levy, Korach, & others) 2007;84:1388-90, CR
- Predictors and outcomes of coronary artery bypass grafting in ST elevation myocardial infarction (Thielmann, Neuhäuser, & others) 2007;84:17-24\*; Invited Commentary (Knosalla) 2007;84:24, IC
- Relationship of body mass index with outcomes after coronary artery bypass graft surgery (Wagner, Grunwald, & others) 2007;84:10-16\*
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- Sequential hybrid carotid and coronary artery revascularization: immediate and mid-term results (Versaci, Giudice, & others) 2007;84:1508-14\*; Discussion (Puskas, Zeitani, & others) 2007;84:1513-4, DI
- Simple index to predict likelihood of skilled nursing facility admission after coronary artery bypass grafting among older patients (Chang, Joyce, & others) 2007;84:829-35\*; Discussion (Doty, Chang, & others) 2007;84:834-5, DI
- Spyder aortic connector system in off-pump coronary artery bypass surgery (Biancari, Lahtinen, & others) 2007;84:254-8, NT; Invited Commentary (Chavanon) 2007;84:257-8, IC
- Squamous cell carcinoma of the pericardium found during coronary bypass surgery of possible cutaneous origin (Kypson, Anderson, & others) 2007;84:1735-6, CR
- Survival and graft patency after coronary artery bypass grafting with coronary endarterectomy: role of arterial versus vein conduits (Schwann, Zacharias, & others) 2007;84:25-31\*
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Tuberculous pericarditis after coronary artery bypass graft (Khalil & Sarkar) 2007;84:1074

**Coronary artery bypass grafts**

Predicting early coronary artery bypass graft failure by intraoperative transit time flow measurement (Tokuda, Song, & others) 2007;84:1928-34\*; Invited Commentary (Balacumaraswami) 2007;84:1934, IC

**Coronary artery disease**

Does the number of grafts influence surgeon choice and patient benefit of off-pump over conventional on-pump coronary artery revascularization in multivessel coronary artery disease (Lattouf, Puskas, & others) 2007;84:1485-95\*; Discussion (Edwards & Lattouf) 2007;84:1494-5, DI

Long-term survival after surgery versus percutaneous intervention in octogenarians with multivessel coronary disease (Dacey, Likosky, & others) 2007;84:1904-11\*; Discussion (Calhoun, Dacey, & others) 2007;84:1910-1, DI

Sinus of Valsalva aneurysm masquerading as coronary artery disease (Peng, Codispoti, & others) 2007;84:2119, IM

**Coronary artery fistulas**

Traumatic left anterior descending artery-to-pulmonary artery fistula with delayed pericardial tamponade (Jeganathan, Irwin, & others) 2007;84:276-8, CR

**Coronary artery revascularization**

Comparison of on-pump or off-pump coronary artery revascularization with lung resection (Schoenmakers, Boven, & others) 2007;84:504-9\*

**Coronary embolization**

Coronary embolization in bullet wounds: role of perioperative coronary angiography (Raisky, Metton, & others) 2007;84:274-6, CR

**Coronary endarterectomy**

Repair of separated coronary segments resulting from a complicated coronary endarterectomy (Nezic, Knezevic, & others) 2007;84:1768-70, HW

Survival and graft patency after coronary artery bypass grafting with coronary endarterectomy: role of arterial versus vein conduits (Schwann, Zacharias, & others) 2007;84:25-31\*

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Contemporary coronary graft patency: 5-year observational data from a randomized trial of conduits (Hayward & Buxton) 2007;84:795-800\*; Invited Commentary (Gaudino & Possati) 2007;84:799-800, IC

**Coronary occlusions**

Alterations in lateral left ventricular wall transmural strains during acute circumflex and anterior descending coronary occlusion (Langer, Rodriguez, & others) 2007;84:51-60\*

**Coronary segments**

Repair of separated coronary segments resulting from a complicated coronary endarterectomy (Nezic, Knezevic, & others) 2007;84:1768-70, HW

**Coronary steal syndrome**

New subclavian artery angioplasty technique for treating subclavian coronary steal syndrome (Rigatelli, Cardaioli, & others) 2007;84:688-9, HW

**Corrosive injuries**

Ileocolon graft pedicled on ileocolic artery: an alternative esophageal substitute for corrosive injury (Liu, Tseng, & others) 2007;84:295-6, CR

**Cor triatriatum**

Congenital nomenclature: a cause of confusion during literature search (Carr) 2007;84:716, CP

### Cross-clamps

Coronary artery bypass grafting with single cross-clamp results in fewer persistent neuropsychological deficits than multiple clamp or off-pump coronary artery bypass grafting (Hammon, Stump, & others) 2007;84:1174-9\*; Discussion (Baumgartner & Hammon) 2007;84:1178-9, DI

### Cryoablation

Intraoperative cryoablation of atrial fibrillation with the old-fashioned cryode tips: a simple, effective, and inexpensive method (Hornero, Rodríguez, & others) 2007;84:1408-11, HW

Surgical cryoablation for life-threatening postoperative junctional tachycardia (Tsoutsinos, Papagiannis, & others) 2007;84:286-8, CR

### Cutaneous metastases

Case of endobronchial and cutaneous metastases (Hsin & Yim) 2007;84:1040, IM

### Cytomegalovirus

Postlung transplant survival is equivalent regardless of cytomegalovirus match status (Russo, Sternberg, & others) 2007;84:1129-35\*; Discussion (Swanson, Sternberg, & De-camp) 2007;84:1134-5, DI

### Dacron grafts

Vascular graft replacement of the ascending and descending aorta: do Dacron grafts grow? (Etz, Homann, & others) 2007;84:1206-13\*; Discussion (Robicsek, Etz, & others) 2007;84:1212-3, DI

### Damus-Rastelli procedure

Damus-Rastelli procedure for biventricular repair of aortic atresia and hypoplasia (Moorthy, McGuirk, & others) 2007;84:142-6\*

### Daptomycin

Daptomycin for eradication of a systemic infection with a methicillin-resistant-*Staphylococcus aureus* in a biventricular assist device recipient (Weis, Beiras-Fernandez, & others) 2007;84:269-70

### Databases

Comparison of cardiac surgery volumes and mortality rates between The Society of Thoracic Surgeons and Medicare databases from 1993 through 2001 (Welke, Peterson, & others) 2007;84:1538-47\*; Invited Commentary (Shroyer) 2007;84:1546-7, IC

What is operative morbidity? Defining complications in a surgical registry database (Jacobs, Jacobs, & others) 2007;84:1416-21, RE

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See also Circulatory arrest

Response of brain oxygenation and metabolism to deep hypothermic circulatory arrest in newborn piglets: comparison of pH-Stat and alpha-stat strategies (Markowitz, Mendoza-Paredes, & others) 2007;84:170-6\*

Straight deep hypothermic arrest: experience in 394 patients supports its effectiveness as a sole means of brain preservation (Gega, Rizzo, & others) 2007;84:759-67\*; Discussion (Kazui, Elefteriades, & others) 2007;84:766-7, DI

### Deep sternal wound infections

Preserved sternal perfusion following ITA skeletonization: implications for bilateral ITA grafting (Boodhwani & Rubens) 2007;84:1796-7, CP; Reply (Savage) 2007;84:1797

Tracheostomy is not a risk factor for deep sternal wound infection after cardiac surgery (Rahmanian, Adams, &

others) 2007;84:1984-92\*; Invited Commentary (Berrizbeitia) 2007;84:1991-2, IC

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Vascular graft replacement of the ascending and descending aorta: do Dacron grafts grow? (Etz, Homann, & others) 2007;84:1206-13\*; Discussion (Robicsek, Etz, & others) 2007;84:1212-3, DI

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Desmoid tumor presenting as a superior sulcus tumor: a unique bone change in the vertebral body (Hara, Matsuguma, & others) 2007;84:1752-4, CR

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Lithium-induced nephrogenic diabetes insipidus after coronary artery bypass (Leeman, Vuylsteke, & Ritchie) 2007;84:656-7, CR

### Diabetes mellitus

Bronchial stump buttressing with an intercostal muscle flap in diabetic patients (Sfyridis, Kapetanakis, & others) 2007;84:967-72\*; Invited Commentary (Kernstine) 2007;84:971-2, IC

Off-pump coronary artery bypass grafting with skeletonized bilateral internal thoracic arteries in insulin-dependent diabetes (Kai, Hanyu, & others) 2007;84:32-7\*; Invited Commentary (Perrault & Mommerot) 2007;84:36-7, IC

### Diabetic retinopathy

Coronary artery bypass grafting versus coronary implantation of sirolimus-eluting stents in patients with diabetic retinopathy (Ohno, Takamoto, & others) 2007;84:1474-8\*

### Dialysis

Selection of dialysis patients for bilateral internal thoracic artery grafts (Baciewicz) 2007;84:1797, CP

### Diaphragmatic hernia

Asymptomatic congenital intrapericardial diaphragmatic hernia and epigastric hernia in the adult (La Greca, Sofia, & others) 2007;84:638-40, CR

Diaphragmatic hernia after conventional or laparoscopic-assisted transthoracic esophagectomy (Vallböhmer, Hölscher, & others) 2007;84:1847-53\*; Invited Commentary (DeMeester) 2007;84:1852-3, IC

### Diaphragmatic plication

Satisfactory results of diaphragmatic plication for bilateral phrenic nerve paralysis (Ohta, Ikeda, & others) 2007;84:1029-31, CR

### Diazoxide

Cardioplegia and diazoxide modulate STAT3 activation and DNA binding (Hsieh, Wakiyama, & others) 2007;84:1272-8\*

Maintenance of myocyte volume homeostasis during stress by diazoxide is cardioprotective (Al-Dadah, Voeller, & others) 2007;84:857-63\*; Invited Commentary (Rosenkranz) 2007;84:863, IC

### Digital photography

Simple method for making photographic records under sterile conditions (Kao, Cheng, & others) 2007;84:2125-6, HW

### Dilated cardiomyopathy

Clinical evaluation of the CorCap Cardiac Support Device in patients with dilated cardiomyopathy (Mann, Acker, & others) 2007;84:1226-35\*

Combined strategy using myoblasts and hepatocyte growth factor in dilated cardiomyopathic hamsters (Kondoh, Sawa, & others) 2007;84:134-41\*

Successful surgical treatment for dilated cardiomyopathy with cardiac sarcoidosis (Daimon, Sasaki, & others) 2007;84:e12-13, CR

**Dilated ventricle**

Efficacy of the edge-to-edge repair in the setting of a dilated ventricle: an in vitro study (Croft, Jimenez, & others) 2007;84:1578-84\*

**Distal aorta**

Fate of the residual distal and proximal aorta after acute type A dissection repair using a contemporary surgical reconstruction algorithm (Geirsson, Bavaria, & others) 2007;84:1955-64\*; Discussion (Grayson & Pochettino) 2007;84:1964, DI

**Diverticula**

Surgical treatment of epiphrenic diverticula: a 30-year experience (Varghese, Marshall, & others) 2007;84:1801-9\*; Discussion (Naunheim, Varghese, & others) 2007;84:1808-9, DI

**DNA binding**

Cardioplegia and diazoxide modulate STAT3 activation and DNA binding (Hsieh, Wakiyama, & others) 2007;84:1272-8\*

**Drainage**

Postoperative mediastinitis in children: improvement of simple primary closed drainage (Anslot, Hulin, & Durandy) 2007;84:423-8\*

Postoperative outpatient chest tube management: initial experience with a new portable system (Rieger, Wroblewski, & others) 2007;84:630-2, NT

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No additive effect of passive containment surgery in patients with aortic regurgitation and left ventricular dilation (Bredin, Olsson, & Franco-Cereceda) 2007;84:510-4\*; Invited Commentary (Smith) 2007;84:514, IC

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Coronary artery bypass grafting versus coronary implantation of sirolimus-eluting stents in patients with diabetic retinopathy (Ohno, Takamoto, & others) 2007;84:1474-8\*

**Ductus arteriosus**

Acute Stanford type B dissection and cardiac tamponade: rupture from around ductus arteriosus (Imanaka, Matsuoka, & others) 2007;84:278-80, CR

**Duodenal atresia**

Bilateral extralobar pulmonary sequestration communicating with the upper gastrointestinal system in a newborn with duodenal atresia (Gudbjartsson, Oddsson, & Torfason) 2007;84:1380-1, CR

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Laparoscopic clam shell partial fundoplication achieves effective reflux control with reduced postoperative dysphagia and gas bloating (el-Sherif, Adusumilli, & others) 2007;84:1704-9\*

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Two-year improvement in multidimensional body mass index, airflow obstruction, dyspnea, and exercise capacity index after nonresectional lung volume reduction surgery in awake patients (Pompeo & Mineo) 2007;84:1862-9\*; Discussion (Patterson, Pompeo, & others) 2007;84:1869, DI

**Ebstein's anomaly**

Reconstruction of the right heart in an elderly woman with Ebstein's anomaly and severe heart failure (Nakayama, Asano, & others) 2007;84:1745-6, CR

Repair of neonates and young infants with Ebstein's anomaly and related disorders (Knott-Craig, Goldberg, & others) 2007;84:587-93\*; Discussion (Pigula, Goldberg, & others) 2007;84:592-3, DI

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Conflicting echocardiographic evaluations of supra-annular tissue valves: a mystery not yet resolved (Bottio & Gerosa) 2007;84:713-4, CP

Mitral valve tenting index for assessment of subvalvular remodeling (Ryan, Jackson, & others) 2007;84:1243-9\*

**Edge-to-edge repair**

Edge-to-edge repair of common atrioventricular or tricuspid valve in patients with functionally single ventricle (Ando & Takahashi) 2007;84:1571-7\*; Discussion (Mumtaz, Jacobs, & others) 2007;84:1576-7, DI

Efficacy of the edge-to-edge repair in the setting of a dilated ventricle: an in vitro study (Croft, Jimenez, & others) 2007;84:1578-84\*

**Elderly**

Quality of life after implantation of bileaflet prostheses in elderly patients: an anticoagulation work group experience (Vicchio, Corte, & others) 2007;84:459-66\*; Invited Commentary (Poston) 2007;84:465-6, IC

Reconstruction of the right heart in an elderly woman with Ebstein's anomaly and severe heart failure (Nakayama, Asano, & others) 2007;84:1745-6, CR

Simple index to predict likelihood of skilled nursing facility admission after coronary artery bypass grafting among older patients (Chang, Joyce, & others) 2007;84:829-35\*; Discussion (Doty, Chang, & others) 2007;84:834-5, DI

**Elephant trunk technique**

Elephant trunk anastomosis proximal to origin of innominate artery in total arch replacement (Taniguchi, Toda, & others) 2007;84:1729-34, NT; Invited Commentary (Luciani & Anselmi) 2007;84:1734, IC

Is emergency total arch replacement with a modified elephant trunk technique justified for acute type A aortic dissection? (Watanuki, Ogino, & others) 2007;84:1585-91\*

**Embolism**

Severe chronic pulmonary hypertension caused by pulmonary embolism of hydatid cysts (Buz, Knosalla, & others) 2007;84:208-10, CP

Unilateral pulmonary edema after pulmonary embolism in a bilateral lung transplant patient (Zegdi, Dürrelman, & others) 2007;84:2086-8, CP

**Embolization**

Coronary embolization in bullet wounds: role of perioperative coronary angiography (Raisky, Metton, & others) 2007;84:274-6, CR

**Embolus**

Left atrial papillary fibroelastoma: a rare cause of multiple cerebral emboli (Mohammadi, Martineau, & others) 2007;84:1396-7, CR

Preoperative noncontrast chest computed tomography identifies potential aortic emboli (Lee, Matsutani, & others) 2007;84:38-42\*; Discussion (Merrill, Cassivi, & Lee) 2007;84:42, DI

**Embryogenesis**

Left pulmonary artery sling complex: computed tomography and hypothesis of embryogenesis (Chen, Lee, & others) 2007;84:1645-50\*

**Empyema**

Dropped gallstones causing transdiaphragmatic migration and thoracic empyema (Bergeron, Beaulieu, & others) 2007;84:1760-2, CR

Intrathoracic insertion of the VAC device in a case of pleural empyema 20 years after pneumonectomy (Matzi, Lindenmann, & others) 2007;84:1762-4, CR

### **Empyema thoracis**

Surgical treatment for empyema thoracis: is video-assisted thoracic surgery "better" than thoracotomy? (Chan, Sihoe, & others) 2007;84:225-31\*; Invited Commentary (Low) 2007;84:231, IC

### **Endarterectomy**

Repair of separated coronary segments resulting from a complicated coronary endarterectomy (Nezic, Knezevic, & others) 2007;84:1768-70, HW

### **Endobronchial metastases**

Case of endobronchial and cutaneous metastases (Hsin & Yim) 2007;84:1040, IM

### **Endocarditis**

Aortic valve endocarditis by *Capnocytophaga haemolytica* (Gutierrez-Martin, Araj, & others) 2007;84:1008-10, CR

Early switch from vancomycin to oral linezolid for treatment of gram-positive heart valve endocarditis (Colli, Campodonico, & Gherli) 2007;84:87-91\*

Midterm follow-up of tricuspid valve reconstruction due to active infective endocarditis (Gottardi, Bialy, & others) 2007;84:1943-9\*; Invited Commentary (Gammie) 2007;84:1949, IC

Mitral valve repair for infective endocarditis in children (Walter, Musci, & others) 2007;84:2059-65\*; Invited Commentary (Pelletier) 2007;84:2065, IC

Mycotic coronary artery aneurysm from fungal prosthetic valve endocarditis (Yeen, Panza, & others) 2007;84:280-2, CR

Surgical treatment of active aortic endocarditis: homografts are not the cornerstone of outcome (Avierinos, Thuny, & others) 2007;84:1935-42\*; Invited Commentary (Mihaljevic) 2007;84:1942, IC

### **Endoscopic ultrasound**

Transaortic fine-needle aspiration of centrally located lung cancer under endoscopic ultrasound guidance: the final frontier (Wallace, Woodward, & others) 2007;84:1019-21, CR

### **Endoscopy**

Catheter-based endoscopic bypass grafting: an experimental feasibility study (Jacobs, Holzhey, & others) 2007;84:1724-8, NT; Invited Commentary (Ott) 2007;84:1727-8, IC

Endoscopic closure of cervical esophageal perforation caused by traumatic insertion of a mucosectomy cap (Gerke, Crowe, & Iannettoni) 2007;84:296-8, CR

Endoscopic management for broncholithiasis with bronchoesophageal fistula (Go, Kobayashi, & others) 2007;84:2093-5, CP

Totally endoscopic mitral valve repair using a robotic-controlled atrial retractor (Smith, Stein, & others) 2007;84:633-7, NT

### **Endothelial nitric oxide synthase**

Extracorporeal circulation activates endothelial nitric oxide synthase in erythrocytes (Fischer, Schindler, & others) 2007;84:2000-3\*

### **Endothelial progenitor cells**

Effect of prepro-calcitonin gene-related peptide-expressing endothelial progenitor cells on pulmonary hypertension (Zhao, Liu, & others) 2007;84:544-52\*; Invited Commentary (Kapur) 2007;84:552, IC

### **Endothelin-1 receptor antagonists**

Role of endothelin-1 receptor antagonists in vasoconstriction mediated by endothelin and other vasoconstrictors in human internal mammary artery (He, Liu, & others) 2007;84:1522-7\*

### **Endovascular stent-graft**

Continued aortic aneurysmal expansion after thoracic endovascular stent-grafting (Bakaeen, Coselli, & others) 2007;84:1007-8, CR

Endovascular versus open repair for blunt thoracic aortic injury: short-term results (Kokotsakis, Kaskarelis, & others) 2007;84:1965-70\*

### **Endovascular surgery**

Combined surgical and endovascular repair of complex aortic pathologies with a new hybrid prosthesis (Gorlitzer, Weiss, & others) 2007;84:1971-7\*; Invited Commentary (Mestres) 2007;84:1976-7, IC

Endovascular thoracic aortic aneurysm repair with concomitant myocardial and carotid revascularization (Rajagopal, Lima, & others) 2007;84:e1-3, CR

Endovascular treatment of acute type B dissection and Kommerell's diverticulum (Odero, Bozzani, & Pirrelli) 2007;84:1736-8, CR

Novel way to confirm successful endovascular repair of a thoracic aortic aneurysm using a remote wireless pressure sensor (Kpodonu, Ramaiah, & others) 2007;84:272-4, CR

Reevaluating the need for left subclavian artery revascularization with thoracic endovascular aortic repair (Reece, Gazoni, & others) 2007;84:1201-5; Discussion (Griepp, Reece, & Bavaria) 2007;84:1205, DI

Risk factors for perioperative stroke after thoracic endovascular aortic repair (Gutsche, Cheung, & others) 2007;84:1195-200\*; Discussion (Wheatley, Gutsche, & Bavaria) 2007;84:1200, DI

### **Epicardial electrodes**

Initial experience with implantable cardioverter defibrillator systems using epicardial and pleural electrodes in pediatric patients (Bauersfeld, Tomaske, & others) 2007;84:303-5, HW

### **Epicardial left ventricular mapping**

Epicardial left ventricular mapping using subxiphoid video pericardioscopy (Zenati, Shalaby, & others) 2007;84:2106-7, CP

### **Epicardial ultrasonography**

Epicardial ultrasonography: a potential method for intraoperative quality assessment of coronary bypass anastomoses? (Hol, Andersen, & others) 2007;84:801-7\*

### **Epigastric hernia**

Asymptomatic congenital intrapericardial diaphragmatic hernia and epigastric hernia in the adult (La Greca, Sofia, & others) 2007;84:638-40, CR

### **Epiphrenic diverticula**

Surgical treatment of epiphrenic diverticula: a 30-year experience (Varghese, Marshall, & others) 2007;84:1801-9\*; Discussion (Naunheim, Varghese, & others) 2007;84:1808-9, DI

### **Erythrocytes**

Extracorporeal circulation activates endothelial nitric oxide synthase in erythrocytes (Fischer, Schindler, & others) 2007;84:2000-3\*

### **Esophageal adenocarcinoma**

Diagnosis of esophageal adenocarcinoma by serum proteomic pattern (Hammoud, Dobrolecki, & others) 2007;84:384-92\*; Discussion (Krasna, Hammoud, & others) 2007;84:392, DI

Positron emission tomographic scanning predicts survival after induction chemotherapy for esophageal carcinoma (Port, Lee, & others) 2007;84:393-400\*; Discussion (Valières, Port, & others) 2007;84:400, DI

**Esophageal-atrial fistula**

Esophageal-left atrial fistula: intraoperative diagnosis and management (Nguyen, Trop, & others) 2007;84:648-50, CR

**Esophageal cancer**

Proposed modification of nodal status in AJCC esophageal cancer staging system (Hofstetter, Correa, & others) 2007;84:365-75\*; Discussion (Schipper, Hofstetter, & others) 2007;84:374-5, DI

Use of the LigaSure Vessel Sealing System in esophageal cancer surgery (Eroglu, Turkyilmaz, & others) 2007;84:2076-80, NT; Invited Commentary (Wright) 2007;84:2080, IC

**Esophageal gastrointestinal stromal tumors**

Surgical considerations for the management and resection of esophageal gastrointestinal stromal tumors (Blum, Bili-moria, & others) 2007;84:1717-23\*; Invited Commentary (Snow) 2007;84:1723, IC

**Esophageal perforation**

Endoscopic closure of cervical esophageal perforation caused by traumatic insertion of a mucosectomy cap (Gerke, Crowe, & Iannettoni) 2007;84:296-8, CR

**Esophageal perforations**

Esophageal stents for iatrogenic esophageal perforations during cardiac surgery (Ramadan, Stefanidis, & others) 2007;84:1034-6, CR

**Esophageal stents**

Esophageal stent displacement in left main bronchus (Anile, Francioni, & others) 2007;84:1767, IM

Esophageal stents for iatrogenic esophageal perforations during cardiac surgery (Ramadan, Stefanidis, & others) 2007;84:1034-6, CR

**Esophagectomy**

Diaphragmatic hernia after conventional or laparoscopic-assisted transthoracic esophagectomy (Vallböhmer, Höl-scher, & others) 2007;84:1847-53\*; Invited Commentary (DeMeester) 2007;84:1852-3, IC

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Laparoscopic and thoracoscopic Ivor Lewis esophagectomy with colonic interposition (Nguyen, Hinojosa, & others) 2007;84:2120-4, HW

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**Esophagogastrstomy**

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Ileocolon graft pedicled on ileocolic artery: an alternative esophageal substitute for corrosive injury (Liu, Tseng, & others) 2007;84:295-6, CR

Successful reconstruction of traumatic carinal tissue loss using the esophagus in an infant (Stubberud, Jacobs, & others) 2007;84:1031-3, CR

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Excision of postesophageal parathyroid adenoma in posterior mediastinum with intraoperative <sup>99m</sup>Tc sestamibi scanning (Ogawa, Tsuji, & others) 2007;84:1754-6, CR

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- Factor VII**
- Successful use of recombinant activated coagulation factor VII in a patient with massive hemoptysis from a penetrating thoracic injury (Tien, Gough, & others) 2007;84:1373-4, CR
- Fat embolism**
- Donor fat embolism and primary graft dysfunction after lung transplantation (Padilla, Jordá, & others) 2007;84:e4-5, CR
- Fecopneumothorax**
- Fecopneumothorax: a rare complication of esophagectomy (Markogiannakis, Theodorou, & others) 2007;84:651-2, CR
- Fetal bypass**
- Role of nitric oxide pathway in placental dysfunction following fetal bypass (Lam, Baker, & others) 2007;84:917-25\*; Discussion (Caldarone, Lam, & others) 2007;84:924-5, DI
- Fetus**
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- Fibrin glue**
- Treatment of bronchopleural fistula with small intestinal mucosa and fibrin glue sealant (Keckler, Spilde, & others) 2007;84:1383-6, CR
- Fibroelastoma**
- Left atrial papillary fibroelastoma: a rare cause of multiple cerebral emboli (Mohammadi, Martineau, & others) 2007;84:1396-7, CR
- Fifth aortic arch**
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- Fine-needle aspiration**
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- Flaps**
- Bronchial stump buttressing with an intercostal muscle flap in diabetic patients (Sfyridis, Kapetanakis, & others) 2007;84:967-72\*; Invited Commentary (Kernstine) 2007;84:971-2, IC
- Lymph node metastases in a pedicled pericardial fat pad flap (Witte & Hürtgen) 2007;84:1378-9
- 2-Fluoro-2-deoxy-D-glucose positron emission tomography**
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- Forced expiratory volume in 1 second**
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- Foreign bodies**
- Foreign bodies in the esophagus (Weissberg & Refaely) 2007;84:1854-7\*
- Formalin fixation**
- Effect of formalin fixation on tumor size determination in stage I non-small cell lung cancer (Hsu, Huang, & others) 2007;84:1825-9\*
- Fractures**
- Intrathoracic displacement of a fractured humeral head (Griffin, Temes, & others) 2007;84:1400, IM
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Geoform disease-specific annuloplasty system: a finite element study (Votta, Maisano, & others) 2007;84:92-102\*; Invited Commentary (Ratcliffe) 2007;84:101-2, IC

**Fundoplication**

Laparoscopic clam shell partial fundoplication achieves effective reflux control with reduced postoperative dysphagia and gas bloating (el-Sherif, Adusumilli, & others) 2007;84:1704-9\*

**Gallstones**

Dropped gallstones causing transdiaphragmatic migration and thoracic empyema (Bergeron, Beaulieu, & others) 2007;84:1760-2, CR

**Gas bloating**

Laparoscopic clam shell partial fundoplication achieves effective reflux control with reduced postoperative dysphagia and gas bloating (el-Sherif, Adusumilli, & others) 2007;84:1704-9\*

**Gastro-bronchial fistula**

Successful conservative management of benign gastro-bronchial fistula after intrathoracic esophagogastronomy (Bona, Sarli, & others) 2007;84:1036-8, CR

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Treatment of bronchopleural fistula with small intestinal mucosa and fibrin glue sealant (Keckler, Spilde, & others) 2007;84:1383-6, CR

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**Glycogen synthase kinase-3 $\beta$** 

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**Good syndrome**

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**Graft(s)**

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### Hamartoma

- Radiofrequency thermoablation in chest wall mesenchymal hamartoma of an infant (Bertocchini, Falappa, & others) 2007;84:2091-3, CP

### Healing

- Uneventful thoracic healing with everolimus after aortic valve replacement (Pascual, Galeano, & others) 2007;84:271-2, CR

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- Reconstruction of the right heart in an elderly woman with Ebstein's anomaly and severe heart failure (Nakayama, Asano, & others) 2007;84:1745-6, CR

### Heart-kidney transplantation

- Long-term follow-up of simultaneous heart and kidney transplantation with single donor allografts: report of nine cases (Bruschi, Busnach, & others) 2007;84:522-7\*

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- Early switch from vancomycin to oral linezolid for treatment of gram-positive heart valve endocarditis (Colli, Campodonico, & Gherli) 2007;84:87-91\*

### Heart valve replacement

- See Aortic valve replacement; Mitral valve replacement; Tricuspid valve replacement

### Heat stroke

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### Hemodynamics

- Influence of perioperative hemodynamics on spinal cord ischemia in thoracoabdominal aortic repair (Kawanishi, Okada, & others) 2007;84:488-92\*  
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### Hemoptysis

- Hemoptysis secondary to pulmonary artery pseudoaneurysm after necrotizing pneumonia (Kalina & Giberson) 2007;84:1386-7, CR  
Massive hemoptysis in an immunocompromised pregnant woman with human immunodeficiency virus disease and active pulmonary tuberculosis (Blyth, Soni, & Moran) 2007;84:2085-6, CR  
Successful use of recombinant activated coagulation factor VII in a patient with massive hemoptysis from a penetrating thoracic injury (Tien, Gough, & others) 2007;84:1373-4, CR

### Hemostasis

- Use of aprotinin in extrapleural pneumonectomy: effect on hemostasis and incidence of complications (Bakaeen, Rice, & others) 2007;84:982-7\*; Invited Commentary (Levy & Force) 2007;84:986-7, IC

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- Spontaneous hemothorax in a patient with neurofibromatosis type 1 and undiagnosed pheochromocytoma (Conlon, Redmond, & Celi) 2007;84:1021-3, CR

### Heparin

- Resolution of protein-losing enteropathy with low-molecular weight heparin in an adult patient with Fontan palliation (Bhagirath & Tam) 2007;84:2110-2, CP

### Heparin antibodies

- Off-pump coronary artery bypass with bivalirudin for patients with heparin-induced thrombocytopenia or antiplatelet factor four/heparin antibodies (Dyke, Aldea, & others) 2007;84:836-40\*; Invited Commentary (Merry) 2007;84:840, IC

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### Hepatocyte growth factor

- Combined strategy using myoblasts and hepatocyte growth factor in dilated cardiomyopathic hamsters (Kondoh, Sawa, & others) 2007;84:134-41\*

### Hernia

- Asymptomatic congenital intrapericardial diaphragmatic hernia and epigastric hernia in the adult (La Greca, Sofia, & others) 2007;84:638-40, CR  
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**Homografts**

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**Human immunodeficiency virus**

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**Humeral head fracture-dislocation**

Intrathoracic displacement of a fractured humeral head (Griffin, Temes, & others) 2007;84:1400, IM

Intrathoracic humeral head fracture-dislocation: is removal of the humeral head necessary? (Kocer, Gulbahar, & others) 2007;84:1371-2, CR

**Hybrid palliation**

Initial experience with hybrid palliation for neonates with single-ventricle physiology (Caldarone, Benson, & others) 2007;84:1294-300\*

**Hydatid cysts**

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**Hyperglycemia**

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**Hypertension**

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**Hypertrophy**

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**Hypoglycemia**

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**Hypoplastic circumflex retroesophageal right-sided cervical aortic arch**

Hypoplastic circumflex retroesophageal right-sided cervical aortic arch with unusual vascular arrangement and severe coarctation (Ahluwalia, Rashid, & others) 2007;84:1014-6, CR

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**Hypothermia**

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**Idiopathic pulmonary fibrosis**

Lung transplantation for idiopathic pulmonary fibrosis (Mason, Brizzio, & others) 2007;84:1121-8\*

**Ileocolic artery**

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**Ileocolon graft**

Ileocolon graft pedicled on ileocolic artery: an alternative esophageal substitute for corrosive injury (Liu, Tseng, & others) 2007;84:295-6, CR

**Ileofemoral malperfusion**

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**Immunizations**

Routine immunizations and adverse events in infants with single-ventricle physiology (McAlvin, Clabby, & others) 2007;84:1316-9\*

**Implantable cardioverter defibrillator**

Initial experience with implantable cardioverter defibrillator systems using epicardial and pleural electrodes in pediatric patients (Bauersfeld, Tomaske, & others) 2007;84:303-5, HW

**Inappropriate sinus tachycardia**

Partial cardiac denervation and sinus node modification for inappropriate sinus tachycardia (Taketani, Wolf, & Garrett) 2007;84:652-4, CR

**Induction chemotherapy**

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**Infants**

See also Children; Neonates

Hyperglycemia after infant cardiac surgery does not adversely impact neurodevelopmental outcome (Ballweg, Wernovsky, & others) 2007;84:2052-8\*

Outcome of surgical commissurotomy for aortic valve stenosis in early infancy (Rehnström, Malm, & others) 2007;84:594-8\*

Partial cardiopulmonary bypass in infants with coarctation and anomalous right subclavian arteries (Setty, Brizard, & d'Udekem) 2007;84:715, CP; Reply (Backer) 2007;84:715-6

- Radiofrequency thermoablation in chest wall mesenchymal hamartoma of an infant (Bertocchini, Falappa, & others) 2007;84:2091-3, CP
- Repair of neonates and young infants with Ebstein's anomaly and related disorders (Knott-Craig, Goldberg, & others) 2007;84:587-93\*; Discussion (Pigula, Goldberg, & others) 2007;84:592-3, DI
- Routine immunizations and adverse events in infants with single-ventricle physiology (McAlvin, Clabby, & others) 2007;84:1316-9\*
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Completely resected non-small cell lung cancer: reconsidering prognostic value and significance of N2 metastases (Riquet, Bagan, & others) 2007;84:1818-24\*

Lymph node metastases in a pedicled pericardial fat pad flap (Witte & Hürtgen) 2007;84:1378-9

**Lymphocyte function-associated antigen-1**

Decreasing the expression of LFA-1 and ICAM-1 as well as hindering their interaction as the major mechanism for statin-induced neutrophil dysfunction (Namazi) 2007;84:2137-8, CP

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**Malignant pleural effusion**

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**Mediastinal lymph nodes**

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**Mediastinal mass**

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**Mediastinal metastases**

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- Aortic valve replacement with mitral valve repair compared with combined aortic and mitral valve replacement (Talwar, Mathur, & others) 2007;84:1219-25\*
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- Accuracy of the Aristotle Basic Complexity Score for classifying the mortality and morbidity potential of congenital heart surgery operations (O'Brien, Jacobs, & others) 2007;84:2027-37\*; Discussion (Pigula, O'Brien, & others) 2007;84:2036-7, DI
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- Surgical treatment for mitral stenosis in Scheie's syndrome: mucopolysaccharidosis type I-S (Kitabayashi, Matsumiya, & others) 2007;84:654-5, CR

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- Maintenance of myocyte volume homeostasis during stress by diazoxide is cardioprotective (Al-Dadah, Voeller, & others) 2007;84:857-63\*; Invited Commentary (Rosenkranz) 2007;84:863, IC
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**Obesity**

Cardiac procedures in patients with a body mass index exceeding 45: outcomes and long-term results (Tyson, Rodriguez, & others) 2007;84:3-9\*; Discussion (Puskas, Tyson, & Hammon) 2007;84:9, DI

Obesity and stroke after cardiac surgery: the impact of grouping body mass index (Filardo, Hamilton, & others) 2007;84:720-2, ED

Obesity does not increase complications after anatomic resection for non-small cell lung cancer (Smith, Wang, & others) 2007;84:1098-106\*; Discussion (Patterson, Reed, & others) 2007;84:1105-6, DI

Transhiatal esophagectomy in the profoundly obese: implications and experience (Scipione, Chang, & others) 2007;84:376-83\*; Discussion (Hofstetter, Orringer, & others) 2007;84:383, DI

**Octogenarians**

Long-term survival after surgery versus percutaneous intervention in octogenarians with multivessel coronary disease (Dacey, Likosky, & others) 2007;84:1904-11\*; Discussion (Calhoun, Dacey, & others) 2007;84:1910-1, DI

**Off-pump coronary artery bypass grafting**

*See also* Coronary artery bypass grafting

Coronary artery bypass grafting with single cross-clamp results in fewer persistent neuropsychological deficits than multiple clamp or off-pump coronary artery bypass grafting (Hammon, Stump, & others) 2007;84:1174-9\*; Discussion (Baumgartner & Hammon) 2007;84:1178-9, DI

Does off-pump coronary surgery reduce postoperative acute renal failure? The importance of preoperative renal function (Mauro, Gagliardi, & others) 2007;84:1496-503\*; Invited Commentary (Brown) 2007;84:1502-3, IC

- Does the number of grafts influence surgeon choice and patient benefit of off-pump over conventional on-pump coronary artery revascularization in multivessel coronary artery disease (Lattouf, Puskas, & others) 2007;84:1485-95\*; Discussion (Edwards & Lattouf) 2007;84:1494-5, DI
- Influence of pleurotomy on pulmonary function after off-pump coronary artery bypass grafting (Guizilini, Gomes, & others) 2007;84:817-22\*; Invited Commentary (Nicolosi) 2007;84:822, IC
- Neurocognitive outcomes of off-pump versus on-pump coronary artery bypass: a prospective randomized controlled trial (Hernandez, Brown, & others) 2007;84:1897-903\*
- New method of thermal coronary angiography for intraoperative patency control in off-pump and on-pump coronary artery bypass grafting (Iwahashi, Tashiro, & others) 2007;84:1504-7\*
- Off-pump coronary artery bypass grafting with skeletonized bilateral internal thoracic arteries in insulin-dependent diabetes (Kai, Hanyu, & others) 2007;84:32-7\*; Invited Commentary (Perrault & Mommerot) 2007;84:36-7, IC
- Off-pump coronary artery bypass graft surgery with a pulsatile catheter pump for left ventricular dysfunction (Mariani, Diephuis, & others) 2007;84:690-2, HW
- Off-pump coronary artery bypass with bivalirudin for patients with heparin-induced thrombocytopenia or antiplatelet factor four/heparin antibodies (Dyke, Aldea, & others) 2007;84:836-40\*; Invited Commentary (Merry) 2007;84:840, IC
- Off-pump techniques benefit men and women and narrow the disparity in mortality after coronary bypass grafting (Puskas, Edwards, & others) 2007;84:1447-56\*; Discussion (Lytle, Puskas, & Rankin) 2007;84:1454-6, DI
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- Spyder aortic connector system in off-pump coronary artery bypass surgery (Biancari, Lahtinen, & others) 2007;84:254-8, NT; Invited Commentary (Chavanon) 2007;84:257-8, IC
- Systemic inflammation after on-pump and off-pump coronary bypass surgery: a one-month follow-up (Parolari, Camera, & others) 2007;84:823-8\*
- Off-pump coronary artery revascularization**
- Comparison of on-pump or off-pump coronary artery revascularization with lung resection (Schoenmakers, Boven, & others) 2007;84:504-9\*
- Oncology**
- Standards for thoracic surgical oncology in a single-payer healthcare system (Sundaresan, Langer, & others) 2007;84:693-701, CV
- Oncology surgery**
- Readmission to intensive care unit after initial recovery from major thoracic oncology surgery (Song, Lee, & others) 2007;84:1838-46\*; Discussion (Harpole, Johnstone, & others) 2007;84:1845-6, DI
- One and one-half ventricular repair**
- Conversion to total cavopulmonary connection after failed one and one-half ventricular repair (Uemura, Yagihara, & others) 2007;84:666-8, CR
- On-pump coronary artery bypass grafting**
- See also Coronary artery bypass grafting
- Does the number of grafts influence surgeon choice and patient benefit of off-pump over conventional on-pump coronary artery revascularization in multivessel coronary artery disease (Lattouf, Puskas, & others) 2007;84:1485-95\*; Discussion (Edwards & Lattouf) 2007;84:1494-5, DI
- Neurocognitive outcomes of off-pump versus on-pump coronary artery bypass: a prospective randomized controlled trial (Hernandez, Brown, & others) 2007;84:1897-903\*
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- Systemic inflammation after on-pump and off-pump coronary bypass surgery: a one-month follow-up (Parolari, Camera, & others) 2007;84:823-8\*
- On-pump coronary artery revascularization**
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- Operative morbidity**
- What is operative morbidity? Defining complications in a surgical registry database (Jacobs, Jacobs, & others) 2007;84:1416-21, RE
- Osteoporosis**
- Calcium phosphate cements to control bleeding in osteoporotic sternums (Muehrcke, Barberi, & Shimp) 2007;84:259-61, NT
- Outcomes**
- Aortic root replacement does not affect outcome and quality of life (Stalder, Staffelbach, & others) 2007;84:775-81\*; Discussion (Jessen, Stalder, & Immer) 2007;84:780-1, DI
- Assessment of neurocognitive outcome after cardiac surgery (Al-Ruzzeh & O'Regan) 2007;84:358, CP; Reply (Ernest, Worcester, & others) 2007;84:358-9
- Cardiac procedures in patients with a body mass index exceeding 45: outcomes and long-term results (Tyson, Rodriguez, & others) 2007;84:3-9\*; Discussion (Puskas, Tyson, & Hammon) 2007;84:9, DI
- Coronary artery bypass grafting with single cross-clamp results in fewer persistent neuropsychological deficits than multiple clamp or off-pump coronary artery bypass grafting (Hammon, Stump, & others) 2007;84:1174-9\*; Discussion (Baumgartner & Hammon) 2007;84:1178-9, DI
- Current risk factors and outcomes for the arterial switch operation (Qamar, Goldberg, & others) 2007;84:871-9\*; Discussion (Jacobs, Mumtaz, & others) 2007;84:878-9, DI
- Evaluation of outcome scoring systems for patients on extracorporeal membrane oxygenation (Lin, Tsai, & others) 2007;84:1256-63\*; Invited Commentary (Davies) 2007;84:1262-3, IC
- Excellent midterm outcome of extracardiac conduit total cavopulmonary connection: results of 126 cases (Nakano, Kado, & others) 2007;84:1619-26\*; Discussion (Jacobs, Nakano, & others) 2007;84:1625-6, DI
- Guidelines for reporting data and outcomes for the surgical treatment of atrial fibrillation (Hassantash, Bikdeli, & others) 2007;84:1795, CP
- Heart transplantation in children: clinical outcomes in a single center (Tjang, Blanz, & others) 2007;84:1640-4\*
- Hospital outcome analysis after different techniques of left internal mammary grafts harvesting (Onorati, Esposito, & others) 2007;84:1912-9\*
- Hyperglycemia after infant cardiac surgery does not adversely impact neurodevelopmental outcome (Ballweg, Wernovsky, & others) 2007;84:2052-8\*

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Long-term outcome of surgical treatment for non-small cell lung cancer with comorbid liver cirrhosis (Iwata, Inoue, & others) 2007;84:1810-7\*

Neurocognitive outcomes of off-pump versus on-pump coronary artery bypass: a prospective randomized controlled trial (Hernandez, Brown, & others) 2007;84:1897-903\*

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Outcomes after extrapleural pneumonectomy and intensity-modulated radiation therapy for malignant pleural mesothelioma (Rice, Stevens, & others) 2007;84:1685-93\*; Discussion (Putnam, Rice, & Miller) 2007;84:1692-3, DI

Outcomes after surgical treatment of children with partial anomalous pulmonary venous connection (Alsoufi, Cai, & others) 2007;84:2020-6\*; Discussion (Gustafson, Alsoufi, & others) 2007;84:2025-6, DI

Outcomes of different surgical strategies in the treatment of neonates with aortic coarctation and associated ventricular septal defects (Alsoufi, Cai, & others) 2007;84:1331-7\*; Discussion (Jacobs, Alsoufi, & others) 2007;84:1336-7, DI

Persistent antegrade pulmonary blood flow post-Glenn does not alter early post-Fontan outcomes in single-ventricle patients (Gray, Altmann, & others) 2007;84:888-93\*; Discussion (Jacobs, Gray, & Laks) 2007;84:893, DI

Population-based perspective of long-term outcomes after surgical repair of partial atrioventricular septal defect (Welke, Morris, & others) 2007;84:624-9\*; Discussion (Calhoun, Welke, & Jacobs) 2007;84:628-9, DI

Predictors and outcomes of coronary artery bypass grafting in ST elevation myocardial infarction (Thielmann, Neuhäuser, & others) 2007;84:17-24\*; Invited Commentary (Knosalla) 2007;84:24, IC

Relationship of body mass index with outcomes after coronary artery bypass graft surgery (Wagner, Grunwald, & others) 2007;84:10-16\*

Results and predictors of early and late outcome of coronary artery bypass grafting in patients with severely depressed left ventricular function (Filsoufi, Rahmanian, & others) 2007;84:808-16\*

Role of somatosensory evoked potentials in predicting outcome during thoracoabdominal aortic repair (Achouch, Estrera, & others) 2007;84:782-8\*; Discussion (Sellke, Achouch, & others) 2007;84:787-8, DI

Subcoronary allograft aortic valve replacement: parametric risk-hazard outcome analysis to a minimum of 20 years (Hickey, Langley, & others) 2007;84:1564-70\*

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Survival and graft patency after coronary artery bypass grafting with coronary endarterectomy: role of arterial versus vein conduits (Schwann, Zacharias, & others) 2007;84:25-31\*

**Oxidative stress**

Oxidative stress and atrial fibrillation after cardiac surgery: a case-control study (Ramlawi, Otu, & others) 2007;84:1166-73\*; Discussion (Ruel, Ramlawi, & Jessen) 2007;84:1172-3, DI

**Oxygenation**

Response of brain oxygenation and metabolism to deep hypothermic circulatory arrest in newborn piglets: comparison of pH-Stat and alpha-stat strategies (Markowitz, Mendoza-Paredes, & others) 2007;84:170-6\*

**Oxygen saturation monitoring**

Mixed venous oxygen saturation monitoring after stage 1 palliation for hypoplastic left heart syndrome (Tweddell, Ghanayem, & others) 2007;84:1301-11\*; Discussion (Jacobs, Tweddell, & others) 2007;84:1310-1, DI

**OxyRVAD**

Ambulatory oxygenator right ventricular assist device for total right heart and respiratory support (Wang, Lick, & others) 2007;84:1699-703\*

**Pacemakers**

Need for pacemaker implantation after using a superior transseptal approach: letter 1 (Misawa, Saito, & Konishi) 2007;84:1072-3, CP

**Palliative surgery**

Elevated risk of thrombosis in neonates undergoing initial palliative cardiac surgery (Cholette, Rubenstein, & others) 2007;84:1320-5\*

**Panel-reactive antibody**

Influence of pretransplant panel-reactive antibody on outcomes in 8,160 heart transplant recipients in recent era (Nwakanma, Williams, & others) 2007;84:1556-63\*; Discussion (Ring & Nwakanma) 2007;84:1562-3, DI

**Papillary fibroelastoma**

Left atrial papillary fibroelastoma: a rare cause of multiple cerebral emboli (Mohammadi, Martineau, & others) 2007;84:1396-7, CR

**Papillary muscles**

Efficacy of the edge-to-edge repair in the setting of a dilated ventricle: an in vitro study (Croft, Jimenez, & others) 2007;84:1578-84\*

Papillary muscle approximation for functional ischemic mitral regurgitation (Rama, Praschker, & others) 2007;84:2130-1, HW

**Paraaortic lymph nodes**

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**Paraplegia**

Three cases of newly developed paraplegia after repairing type A acute aortic dissection (Kawanishi, Okada, & others) 2007;84:1738-40\*, CR

**Parathyroid adenoma**

Excision of postesophageal parathyroid adenoma in posterior mediastinum with intraoperative <sup>99m</sup>Technetium sestamibi scanning (Ogawa, Tsuji, & others) 2007;84:1754-6, CR

**Partial anomalous pulmonary venous connection**

Outcomes after surgical treatment of children with partial anomalous pulmonary venous connection (Alsoufi, Cai, & others) 2007;84:2020-6\*; Discussion (Gustafson, Alsoufi, & others) 2007;84:2025-6, DI

**Patent ductus arteriosus**

Video-assisted ductal closure with new modifications: minimally invasive, maximally effective, 1,300 cases (Nezafati, Soltani, & Vedadian) 2007;84:1343-8\*

**Patent foramen ovale**

Pulmonary thromboembolism with floating thrombus trapped in patent foramen ovale (Theologou, Tewari, & others) 2007;84:2104-6, CP

### **Pectus bar**

Modified Ravitch procedure: using a pectus bar for posttraumatic pectus excavatum (Kim, Choi, & others) 2007;84:647-8, CR

Pectus bar removal after minimally invasive repair of pectus excavatum: advantages of Bar Stabilizer Anvil tool (Saxena) 2007;84:1364-6, NT

### **Pectus chest deformities**

Repair of pectus chest deformities in 320 adult patients: 21 year experience (Jaroszewski & Fonkalsrud) 2007;84:429-33\*

### **Pectus excavatum**

Modified Ravitch procedure: using a pectus bar for posttraumatic pectus excavatum (Kim, Choi, & others) 2007;84:647-8, CR

Pectus bar removal after minimally invasive repair of pectus excavatum: advantages of Bar Stabilizer Anvil tool (Saxena) 2007;84:1364-6, NT

### **Pediatrics**

See Children; Infants; Neonates

### **Penetrating trauma**

Successful use of recombinant activated coagulation factor VII in a patient with massive hemoptysis from a penetrating thoracic injury (Tien, Gough, & others) 2007;84:1373-4, CR

### **Percutaneous coronary angioplasty**

Aortic valve as a victim of percutaneous coronary angioplasty and stenting (Kotoulas, Bigeon, & others) 2007;84:1765, IM

### **Percutaneous coronary interventions**

Long-term survival after surgery versus percutaneous intervention in octogenarians with multivessel coronary disease (Dacey, Likosky, & others) 2007;84:1904-11\*; Discussion (Calhoun, Dacey, & others) 2007;84:1910-1, DI

### **Pericardial adhesions**

Bioabsorbable gelatin sheets latticed with polyglycolic acid can eliminate pericardial adhesion (Yoshioka, Saiki, & others) 2007;84:864-70\*

### **Pericardial cyst**

Acute cardiac tamponade due to a bleeding pericardial cyst in a 3-year-old child (Tanoue, Fujita, & others) 2007;84:282-4, CR

### **Pericardial defects**

GATA4 as candidate gene for pericardial defects (Saffirio, Marino, & Digilio) 2007;84:2137, CP; Reply (Drury & Large)

### **Pericardial fat pad flap**

Lymph node metastases in a pedicled pericardial fat pad flap (Witte & Hürtgen) 2007;84:1378-9

### **Pericardial patch**

Posterior leaflet extension with an autologous pericardial patch in rheumatic mitral insufficiency (Zegdi, Khabbaz, & others) 2007;84:1043-4, HW

### **Pericardial tamponade**

Acute Stanford type B dissection and cardiac tamponade: rupture from around ductus arteriosus (Imanaka, Mat-suoka, & others) 2007;84:278-80, CR

Traumatic left anterior descending artery-to-pulmonary artery fistula with delayed pericardial tamponade (Jeganathan, Irwin, & others) 2007;84:276-8, CR

### **Pericardioscopy**

Epicardial left ventricular mapping using subxiphoid video pericardioscopy (Zenati, Shalaby, & others) 2007;84:2106-7, CP

### **Pericarditis**

Tuberculous pericarditis after coronary artery bypass graft (Khalil & Sarkar) 2007;84:1074

### **Pericardium**

Experience with bovine pericardium for the reconstruction of the aortic arch in patients undergoing a Norwood procedure (Morell & Wearden) 2007;84:1312-5\*

Squamous cell carcinoma of the pericardium found during coronary bypass surgery of possible cutaneous origin (Kypson, Anderson, & others) 2007;84:1735-6, CR

### **Peripartum cardiomyopathy**

Extracorporeal membrane oxygenation in a patient with peripartum cardiomyopathy (Yang, Hong, & others) 2007;84:262-4, CR

### **Pheochromocytoma**

Management of an anterior mediastinal pheochromocytoma causing tracheomalacia (Leshnower, Morris, & Pechet) 2007;84:2088-90, CP

Spontaneous hemothorax in a patient with neurofibromatosis type 1 and undiagnosed pheochromocytoma (Conlon, Redmond, & Celi) 2007;84:1021-3, CR

### **Photographs**

Simple method for making photographic records under sterile conditions (Kao, Cheng, & others) 2007;84:2125-6, HW

### **Phrenic nerve paralysis**

Satisfactory results of diaphragmatic plication for bilateral phrenic nerve paralysis (Ohta, Ikeda, & others) 2007;84:1029-31, CR

### **pH-stat**

Effects of pH management during selective antegrade cerebral perfusion on cerebral microcirculation and metabolism: alpha-stat versus pH-stat (Dahlbacka, Alaoja, & others) 2007;84:847-56\*; Invited Commentary (Jacobs) 2007;84:855-6, IC

Response of brain oxygenation and metabolism to deep hypothermic circulatory arrest in newborn piglets: comparison of pH-Stat and alpha-stat strategies (Markowitz, Mendoza-Paredes, & others) 2007;84:170-6\*

### **Phylloides tumor**

Successful resection of giant solitary pulmonary metastasis from a phylloides tumor (Ganti, Svennevik, & others) 2007;84:1750-2, CR

### **Physicians**

Politely refuse the pen and note pad: gifts from industry to physicians harm patients (Iserson, Cerfolio, & Sade) 2007;84:1077-84, ET

### **Pituitary apoplexy**

Pituitary apoplexy and CABG: should we change our strategy? (Levy, Korach, & others) 2007;84:1388-90, CR

### **Placenta**

Role of nitric oxide pathway in placental dysfunction following fetal bypass (Lam, Baker, & others) 2007;84:917-25\*; Discussion (Caldarone, Lam, & others) 2007;84:924-5, DI

### **Plagiarism**

Journal ethics (Edmunds) 2007;84:717-9, ED

### **Plaque**

Breakdown of atheromatous plaque due to shear from arterial perfusion cannula (Fukuda, Minakawa, & others) 2007;84:e17-18, CR

### **Plate fixation**

Rigid plate fixation of the sternum (Raman, Straus, & Song) 2007;84:1056-8, HW

### **Pleura**

Sutureless pneumostasis using polyglycolic acid mesh as artificial pleura during video-assisted major pulmonary resection (Ueda, Tanaka, & others) 2007;84:1858-61\*

**Pleural effusion**

Use of a pleural implantable access system for the management of malignant pleural effusion: the Institut Curie experience (Daniel, Kriegel, & others) 2007;84:1367-70

**Pleural electrodes**

Initial experience with implantable cardioverter defibrillator systems using epicardial and pleural electrodes in pediatric patients (Bauersfeld, Tomaske, & others) 2007;84:303-5, HW

**Pleural empyema**

Intrathoracic insertion of the VAC device in a case of pleural empyema 20 years after pneumonectomy (Matzi, Lindenmann, & others) 2007;84:1762-4, CR

**Pleural implantable access system**

Use of a pleural implantable access system for the management of malignant pleural effusion: the Institut Curie experience (Daniel, Kriegel, & others) 2007;84:1367-70

**Pleurodesis**

Pleurodesis using small talc particles results in an unacceptably high rate of acute lung injury and hypoxia (Baron, Milton, & Thorpe) 2007;84:2136, CP

**Pleurotomy**

Influence of pleurotomy on pulmonary function after off-pump coronary artery bypass grafting (Guizilini, Gomes, & others) 2007;84:817-22\*; Invited Commentary (Nicolosi) 2007;84:822, IC

**Pneumonectomy**

Fast-tracking after video-assisted thoracoscopic surgery lobectomy, segmentectomy, and pneumonectomy (McKenna, Mahtabifard, & others) 2007;84:1663-8\*; Discussion (Cerfolio & McKenna) 2007;84:1667-8, DI

Intrathoracic insertion of the VAC device in a case of pleural empyema 20 years after pneumonectomy (Matzi, Lindenmann, & others) 2007;84:1762-4, CR

Outcomes after extrapleural pneumonectomy and intensity-modulated radiation therapy for malignant pleural mesothelioma (Rice, Stevens, & others) 2007;84:1685-93\*; Discussion (Putnam, Rice, & Miller) 2007;84:1692-3, DI

Side of pneumonectomy influences long-term survival in stage I and II non-small cell lung cancer (Simón, Moreno, & others) 2007;84:952-8\*; Invited Commentary (Cerfolio) 2007;84:958, IC

Use of aprotinin in extrapleural pneumonectomy: effect on hemostasis and incidence of complications (Bakaeen, Rice, & others) 2007;84:982-7\*; Invited Commentary (Levy & Force) 2007;84:986-7, IC

**Pneumonia**

Hemoptysis secondary to pulmonary artery pseudoaneurysm after necrotizing pneumonia (Kalina & Giberson) 2007;84:1386-7, CR

Postoperative pneumonia after major pulmonary resections: an unsolved problem in thoracic surgery (Radu, Jauréguy, & others) 2007;84:1669-74\*; Invited Commentary (Beggs) 2007;84:1674, IC

**Pneumostasis**

Sutureless pneumostasis using polyglycolic acid mesh as artificial pleura during video-assisted major pulmonary resection (Ueda, Tanaka, & others) 2007;84:1858-61\*

**Pneumothorax**

Surgical management of pneumothorax in pulmonary alveolar microlithiasis (Batchelor, Ngaage, & others) 2007;84:290-2, CR

Unusual pathogenesis of spontaneous pneumothorax secondary to Wegener's granulomatosis (Storelli, Casali, & others) 2007;84:288-90, CR

**Polyglycolic acid**

Bioabsorbable gelatin sheets latticed with polyglycolic acid can eliminate pericardial adhesion (Yoshioka, Saiki, & others) 2007;84:864-70\*

Sutureless pneumostasis using polyglycolic acid mesh as artificial pleura during video-assisted major pulmonary resection (Ueda, Tanaka, & others) 2007;84:1858-61\*

**Porcelain aorta**

Use of aortic connector device for porcelain aorta: to touch or not to touch? That is the question (Mommerot & Perrault) 2007;84:355, CP

**Porcine models**

*See also* Animal models

Follow-up of Shelhigh porcine pulmonary valve conduits (Kim, Min, & others) 2007;84:2047-51\*; Invited Commentary (Carrel & Schoenhoff) 2007;84:2050-1, IC

Interactive effects of homocysteine and copper on angiogenesis in porcine isolated saphenous vein (Shukla, Angelini, & Jeremy) 2007;84:43-50\*; Invited Commentary (Cable) 2007;84:49-50, IC

Response of brain oxygenation and metabolism to deep hypothermic circulatory arrest in newborn piglets: comparison of pH-Stat and alpha-stat strategies (Markowitz, Mendoza-Paredes, & others) 2007;84:170-6\*

**Positron emission tomography**

Maximum standard uptake values of mediastinal nodules on PET and CT (Fleckenstein) 2007;84:1797-8, CP; Reply (Cerfolio & Bryant) 2007;84:1798

Positron emission tomographic scanning predicts survival after induction chemotherapy for esophageal carcinoma (Port, Lee, & others) 2007;84:393-400\*; Discussion (Valières, Port, & others) 2007;84:400, DI

Role of positron emission tomography scanning in the management of lung nodules detected at baseline computed tomography screening (Veronesi, Bellomi, & others) 2007;84:959-66\*; Discussion (Swanson, Veronesi, & others) 2007;84:965-6, DI

When is it best to repeat a 2-fluoro-2-deoxy-D-glucose positron emission tomography/computed tomography scan on patients with non-small cell lung cancer who have received neoadjuvant chemoradiotherapy? (Cerfolio & Bryant) 2007;84:1092-7\*

**Posterior mediastinum**

Excision of postesophageal parathyroid adenoma in posterior mediastinum with intraoperative <sup>99m</sup>Tc sestamibi scanning (Ogawa, Tsuji, & others) 2007;84:1754-6, CR

**Posterior mitral leaflets**

Posterior leaflet extension with an autologous pericardial patch in rheumatic mitral insufficiency (Zegdi, Khabbaz, & others) 2007;84:1043-4, HW

"Z-plasty suture": a new procedure for complex reconstructions of posterior mitral leaflet (Bellitti, Santé, & others) 2007;84:306-8, HW

**Postintubation tracheal stenosis**

Postintubation multisegmental tracheal stenosis: treatment and results (Abbasidezfouli, Shadmehr, & others) 2007;84:211-5\*; Invited Commentary (Rendina) 2007;84:215, IC

**Primary lymphoma**

Primary lymphoma of the subglottic airway in a patient with Sjogren's syndrome mimicking high laryngotracheal stenosis (Korst) 2007;84:1756-8, CR

**Prostaglandins**

Management of vasoplegia after cardiopulmonary bypass: role of prostaglandin inhibition (Augoustides) 2007;84:1796, CP; Reply (Egi & Bellomo) 2007;84:1796

## Prostheses

Correction of aortic insufficiency with an external adjustable prosthetic aortic ring (Gogbashian, Ghanta, & others) 2007;84:1001-6\*; Invited Commentary (Fann) 2007;84:1006, IC

## Prosthetic heart valves

See also Bioprostheses

Importance of long-term anticoagulation in both prosthetic and biological tricuspid valve replacements (Rafiq, Freeman, & Wood) 2007;84:1424, CP; Reply (Lee & Chang) 2007;84:1424-5

Intraortic negative pressure suction during glue application (Amico & Carbone) 2007;84:1425-6, CP; Reply (Devbhandari & Duncan) 2007;84:1426

Meta-analysis of valve hemodynamics and left ventricular mass regression for stentless versus stented aortic valves (Kunadian, Vijayalakshmi, & others) 2007;84:73-9\*; Invited Commentary (Jin & Ratnatunga) 2007;84:78-9, IC

## Prosthetic valve endocarditis

Aortic valve endocarditis by *Capnocytophaga haemolytica* (Gutierrez-Martin, Araj, & others) 2007;84:1008-10, CR

Mycotic coronary artery aneurysm from fungal prosthetic valve endocarditis (Yeen, Panza, & others) 2007;84:280-2, CR

## Proteasome

Proteasome inhibition attenuates infarct size and preserves cardiac function in a murine model of myocardial ischemia-reperfusion injury (Stansfield, Moss, & others) 2007;84:120-5\*

## Protein-losing enteropathy

Resolution of protein-losing enteropathy with low-molecular weight heparin in an adult patient with Fontan palliation (Bhagirath & Tam) 2007;84:2110-2, CP

## Proteomics

Diagnosis of esophageal adenocarcinoma by serum proteomic pattern (Hammoud, Dobrolecki, & others) 2007;84:384-92\*; Discussion (Krasna, Hammoud, & others) 2007;84:392, DI

## Prothrombin 20210A mutation

Aortic valve replacement in a patient with the prothrombin 20210A mutation (Galvagno, Bean, & others) 2007;84:1390-1, CR

## Proximal aorta

Fate of the residual distal and proximal aorta after acute type A dissection repair using a contemporary surgical reconstruction algorithm (Geirsson, Bavaria, & others) 2007;84:1955-64\*; Discussion (Grayson & Pochettino) 2007;84:1964, DI

Replacement of the proximal aorta adds no further risk to aortic valve procedures (Reece, Singh, & others) 2007;84:473-8\*; Discussion (Coselli, Reece, & Sundt) 2007;84:478, DI

## Pseudoaneurysms

Delayed left ventricular pseudoaneurysms after left ventricular aneurysm repairs with the CorRestore patch (Karas, Gregoric, & others) 2007;84:266-9, CR

Hemoptysis secondary to pulmonary artery pseudoaneurysm after necrotizing pneumonia (Kalina & Giberson) 2007;84:1386-7, CR

## Pulmonary alveolar microlithiasis

Surgical management of pneumothorax in pulmonary alveolar microlithiasis (Batchelor, Ngaage, & others) 2007;84:290-2, CR

## Pulmonary artery

An alternative procedure for correction of anomalous origin of left coronary artery from the pulmonary artery (Wu & Zu) 2007;84:2132-3, HW

Consequences of right ventricle-to-pulmonary artery shunt at the first stage for the Fontan operation (Januszewska, Stebel, & Malec) 2007;84:1611-8\*; Invited Commentary (Sano) 2007;84:1617-8, IC

Left pulmonary artery sling complex: computed tomography and hypothesis of embryogenesis (Chen, Lee, & others) 2007;84:1645-50\*

Reimplantation of anomalous left coronary artery from the pulmonary artery without mitral valve repair (Caspi, Pettitt, & others) 2007;84:619-23\*; Discussion (Mavroudis, Caspi, & Pennington) 2007;84:623, DI

Right ventricle-to-pulmonary artery conduit longevity: is it related to allograft size? (Askovich, Hawkins, & others) 2007;84:907-12\*; Discussion (Karamlou, Askovich, & others) 2007;84:910-1, DI

Staged hybrid left pulmonary artery rehabilitation in post-Fontan left pulmonary artery hypoplasia (Scott, Karamichalis, & others) 2007;84:2112-4, CP

Traumatic left anterior descending artery-to-pulmonary artery fistula with delayed pericardial tamponade (Jeganathan, Irwin, & others) 2007;84:276-8, CR

## Pulmonary artery banding

Novel adjustable pulmonary artery banding system for hypoplastic left heart syndrome (Assad, Zamith, & others) 2007;84:2081-4, NT

## Pulmonary artery pseudoaneurysm

Hemoptysis secondary to pulmonary artery pseudoaneurysm after necrotizing pneumonia (Kalina & Giberson) 2007;84:1386-7, CR

## Pulmonary artery stenosis

Intraoperative pulmonary artery stenting: an alternative technique for the management of pulmonary artery stenosis (Mitropoulos, Laks, & others) 2007;84:1338-42\*; Discussion (Bacha, Mitropoulos, & Amato) 2007;84:1342, DI

## Pulmonary artery stenting

Intraoperative pulmonary artery stenting: an alternative technique for the management of pulmonary artery stenosis (Mitropoulos, Laks, & others) 2007;84:1338-42\*; Discussion (Bacha, Mitropoulos, & Amato) 2007;84:1342, DI

## Pulmonary atresia with intact ventricular septum

Pulmonary atresia with intact ventricular septum: limitations of catheter-based intervention (Hirata, Chen, & others) 2007;84:574-80\*; Discussion (Caldarone, Hirata, & others) 2007;84:579-80, DI

## Pulmonary edema

Large-volume thoracentesis and the risk of reexpansion pulmonary edema (Feller-Kopman, Berkowitz, & others) 2007;84:1656-62\*; Invited Commentary (Soberman) 2007;84:1661-2, IC

Unilateral pulmonary edema after pulmonary embolism in a bilateral lung transplant patient (Zegdi, Dürrelman, & others) 2007;84:2086-8, CP

## Pulmonary embolism

Severe chronic pulmonary hypertension caused by pulmonary embolism of hydatid cysts (Buz, Knosalla, & others) 2007;84:208-10, CP

Unilateral pulmonary edema after pulmonary embolism in a bilateral lung transplant patient (Zegdi, Dürrelman, & others) 2007;84:2086-8, CP

**Pulmonary fibrosis**

Lung transplantation for idiopathic pulmonary fibrosis (Mason, Brizzio, & others) 2007;84:1121-8\*

**Pulmonary hypertension**

Aortic valve replacement improves survival in severe aortic stenosis associated with severe pulmonary hypertension (Pai, Varadarajan, & others) 2007;84:80-6\*; Invited Commentary (Beaver) 2007;84:85-6, IC

Brain natriuretic peptide as noninvasive marker of the severity of right ventricular dysfunction in chronic thromboembolic pulmonary hypertension (Reesink, Tulevski, & others) 2007;84:537-43\*

Effect of prepro-calcitonin gene-related peptide-expressing endothelial progenitor cells on pulmonary hypertension (Zhao, Liu, & others) 2007;84:544-52\*; Invited Commentary (Kapur) 2007;84:552, IC

Severe chronic pulmonary hypertension caused by pulmonary embolism of hydatid cysts (Buz, Knosalla, & others) 2007;84:208-10, CP

**Pulmonary macrophages**

Pulmonary macrophage inhibition and inhaled nitric oxide attenuate lung ischemia-reperfusion injury (Gazoni, Tribble, & others) 2007;84:247-53\*

**Pulmonary metastasectomy**

Is finger palpation at operation indispensable for pulmonary metastasectomy in colorectal cancer? (Nakajima, Murakawa, & others) 2007;84:1680-4\*

**Pulmonary metastases**

Helical computed tomography inaccuracy in the detection of pulmonary metastases: can it be improved? (Parsons, Ennis, & others) 2007;84:1830-7\*; Invited Commentary (Wright) 2007;84:1836-7, IC

Long-term survival after repeated resection of pulmonary metastases from colorectal cancer (Welter, Krbek, & others) 2007;84:203-10\*

Surgical resection of pulmonary metastases from colorectal cancer: a systematic review of published series (Pfannschmidt, Dienemann, & Hoffmann) 2007;84:324-38, CV

**Pulmonary resection**

Postoperative pneumonia after major pulmonary resections: an unsolved problem in thoracic surgery (Radu, Jauréguy, & others) 2007;84:1669-74\*; Invited Commentary (Beggs) 2007;84:1674, IC

**Pulmonary segmentectomy**

Pulmonary segmentectomy by thoracotomy or thoracoscopy: reduced hospital length of stay with a minimally-invasive approach (Atkins, Harpole, & others) 2007;84:1107-13\*; Discussion (Swanson, Atkins, & others) 2007;84:1112-3, DI

**Pulmonary sequestration**

Bilateral extralobar pulmonary sequestration communicating with the upper gastrointestinal system in a newborn with duodenal atresia (Gudbjartsson, Oddsson, & Torfason) 2007;84:1380-1, CR

Giant carcinoid tumor mimicking pulmonary sequestration (Olgac, Peirovi, & others) 2007;84:1375-6, CR

Pulmonary sequestration: an aberrant systemic blood supply demonstrated by computed tomographic angiography with 3-dimensional reconstruction (Goldstein, Savel, & others) 2007;84:1402, IM

**Pulmonary thromboembolism**

Pulmonary thromboembolism with floating thrombus trapped in patent foramen ovale (Theologou, Tewari, & others) 2007;84:2104-6, CP

**Pulmonary valve**

Mid-term clinical results using a tissue-engineered pulmonary valve to reconstruct the right ventricular outflow tract during the Ross procedure (Dohmen, Lembcke, & others) 2007;84:729-36\*

**Pulmonary valve conduits**

Follow-up of Shelhigh porcine pulmonary valve conduits (Kim, Min, & others) 2007;84:2047-51\*; Invited Commentary (Carrel & Schoenhoff) 2007;84:2050-1, IC

**Pulmonary vein isolation**

Lateral placement of bipolar clamp facilitates pulmonary vein isolation (Schneeberger & Osterday) 2007;84:1412-3, HW

Permanent chronic atrial fibrillation: is pulmonary vein isolation alone enough? (Wisser, Seebacher, & others) 2007;84:1151-7\*; Discussion (Sako, Wisser, & Mack) 2007;84:1157, DI

**Quality of life**

Aortic root replacement does not affect outcome and quality of life (Stalder, Staffelbach, & others) 2007;84:775-81\*; Discussion (Jessen, Stalder, & Immer) 2007;84:780-1, DI

Mitral valve replacement versus repair: propensity-adjusted survival and quality-of-life analysis (Jokinen, Hippeläinen, & others) 2007;84:451-8\*

Quality of life after implantation of bileaflet prostheses in elderly patients: an anticoagulation work group experience (Vicchio, Corte, & others) 2007;84:459-66\*; Invited Commentary (Poston) 2007;84:465-6, IC

Quality of life before and after major lung resection for lung cancer: a prospective follow-up analysis (Brunelli, Socci, & others) 2007;84:410-6\*; Invited Commentary (Asaph) 2007;84:416, IC

**Radial artery**

Three-digit Allen's test (Asif & Sarkar) 2007;84:686-7, HW

Which arterial conduit? Radial artery versus free right internal thoracic artery: six-year clinical results of a randomized controlled trial (Hayward, Hare, & others) 2007;84:493-7\*; Discussion (Doty, Hayward, & Puskas) 2007;84:497, DI

**Radial grafts**

Contemporary coronary graft patency: 5-year observational data from a randomized trial of conduits (Hayward & Buxton) 2007;84:795-800\*; Invited Commentary (Gaudino & Possati) 2007;84:799-800, IC

**Radiation therapy**

Outcomes after extrapleural pneumonectomy and intensity-modulated radiation therapy for malignant pleural mesothelioma (Rice, Stevens, & others) 2007;84:1685-93\*; Discussion (Putnam, Rice, & Miller) 2007;84:1692-3, DI

Quality of internal thoracic artery grafts after mediastinal irradiation (Gansera, Schmidtler, & others) 2007;84:1479-84\*

**Radiofrequency thermoablation**

Radiofrequency thermoablation in chest wall mesenchymal hamartoma of an infant (Bertocchini, Falappa, & others) 2007;84:2091-3, CP

**Rapamycin**

External application of rapamycin-eluting film at anastomotic sites inhibits neointimal hyperplasia in a canine model (Kawatsu, Oda, & others) 2007;84:560-7\*; Discussion (Ruel, Kawatsu, & others) 2007;84:567, DI

**Ravitch procedure**

Modified Ravitch procedure: using a pectus bar for posttraumatic pectus excavatum (Kim, Choi, & others) 2007;84:647-8, CR

### Recombinant activated coagulation factor VII

Successful use of recombinant activated coagulation factor VII in a patient with massive hemoptysis from a penetrating thoracic injury (Tien, Gough, & others) 2007;84:1373-4, CR

### Recombinant factor VIIa

Recombinant factor seven therapy for postoperative bleeding in neonatal and pediatric cardiac surgery (Agarwal, Bennett, & others) 2007;84:161-9\*; Invited Commentary (Welsby & Ortel) 2007;84:168-9, IC

### Reconstruction

Reconstruction of the right heart in an elderly woman with Ebstein's anomaly and severe heart failure (Nakayama, Asano, & others) 2007;84:1745-6, CR

Successful reconstruction of traumatic carinal tissue loss using the esophagus in an infant (Stubberud, Jacobs, & others) 2007;84:1031-3, CR

### Reexpansion pulmonary edema

Large-volume thoracentesis and the risk of reexpansion pulmonary edema (Feller-Kopman, Berkowitz, & others) 2007;84:1656-62\*; Invited Commentary (Soberman) 2007;84:1661-2, IC

### Remodeling

Clinical evaluation of the CorCap Cardiac Support Device in patients with dilated cardiomyopathy (Mann, Acker, & others) 2007;84:1226-35\*

Effect of reperfusion on left ventricular regional remodeling strains after myocardial infarction (Sakamoto, Parish, & others) 2007;84:1528-37\*; Invited Commentary (Anselmi) 2007;84:1536-7, IC

Regional and global patterns of annular remodeling in ischemic mitral regurgitation (Ryan, Jackson, & others) 2007;84:553-9\*

Sustained benefits of the CorCap Cardiac Support Device on left ventricular remodeling: three year follow-up results from the Acorn clinical trial (Starling, Jessup, & others) 2007;84:1236-42\*

Ventricular restraint prevents infarct expansion and improves borderzone function after myocardial infarction: a study using magnetic resonance imaging, three-dimensional surface modeling, and myocardial tagging (Blom, Pilla, & others) 2007;84:2004-10\*; Invited Commentary (Conte) 2007;84:2010, IC

### Renal cell carcinoma

Renal cell carcinoma lung metastases surgery: pathologic findings and prognostic factors (Assouad, Petkova, & others) 2007;84:1114-20\*

### Renal failure

Does off-pump coronary surgery reduce postoperative acute renal failure? The importance of preoperative renal function (Mauro, Gagliardi, & others) 2007;84:1496-503\*; Invited Commentary (Brown) 2007;84:1502-3, IC

Ileofemoral malperfusion complicated type A dissection: revascularization prevents renal failure (Long, Nair, & others) 2007;84:2099-101, CP

Renal failure after cardiac surgery: timing of cardiac catheterization and other perioperative risk factors (Duca, Iqbal, & others) 2007;84:1264-71\*

### Renal transplantation

Long-term follow-up of simultaneous heart and kidney transplantation with single donor allografts: report of nine cases (Bruschi, Busnach, & others) 2007;84:522-7\*

### Renoprotection

Minimally invasive closed circuit versus standard cardiopulmonary bypass: is it renoprotective? (Habib, Zacharias, & Schwann) 2007;84:1426-7, CP

### Reoperation

Aortic enlargement and late reoperation after repair of acute type A aortic dissection (Zierer, Voeller, & others) 2007;84:479-87\*; Discussion (Rokkas, Zierer, & Griep) 2007;84:486-7, DI

Patent internal thoracic grafts and reoperations (Elami) 2007;84:359, CP; Reply (Lotto & Owens) 2007;84:359-60

Reoperation after mitral valve repair for degenerative disease (Dumont, Gillinov, & others) 2007;84:444-50\*; Discussion (Mack, Dumont, & Bender) 2007;84:450, DI

Reoperative aortic root replacement in patients with previous aortic surgery (Szeto, Bavaria, & others) 2007;84:1592-9\*; Discussion (Jessen, Szeto, & others) 2007;84:1598-9, DI

Stentless aortic valve reoperations: a surgical challenge (Borger, Prasongsukarn, & others) 2007;84:737-44\*; Discussion (Dion, Borger, & others) 2007;84:743-4, DI

### Reperfusion

Effect of reperfusion on left ventricular regional remodeling strains after myocardial infarction (Sakamoto, Parish, & others) 2007;84:1528-37\*; Invited Commentary (Anselmi) 2007;84:1536-7, IC

Proteasome inhibition attenuates infarct size and preserves cardiac function in a murine model of myocardial ischemia-reperfusion injury (Stansfield, Moss, & others) 2007;84:120-5\*

### Resection

See also Surgery

Association of chronic obstructive pulmonary disease and tumor recurrence in patients with stage IA lung cancer after complete resection (Sekine, Yamada, & others) 2007;84:946-51\*; Invited Commentary (Falcoz) 2007;84:951, IC

Bronchial sleeve resection distal to the main bronchus with complete pulmonary preservation for benign or low-grade malignant tumors (Jiang, Dong, & others) 2007;84:e19, HW

Comparison of on-pump or off-pump coronary artery revascularization with lung resection (Schoenmakers, Boven, & others) 2007;84:504-9\*

Compensatory hyperhidrosis after sympathectomy: level of resection versus location of hyperhidrosis (Baumgartner & Konecny) 2007;84:1422, CP

Completely resected non-small cell lung cancer: reconsidering prognostic value and significance of N2 metastases (Riquet, Bagan, & others) 2007;84:1818-24\*

Incidence and risk factors for lung injury after lung cancer resection (Alam, Park, & others) 2007;84:1085-91\*; Discussion (Mulligan & Alam) 2007;84:1091, DI

Long-term survival after repeated resection of pulmonary metastases from colorectal cancer (Welter, Krbek, & others) 2007;84:203-10\*

Obesity does not increase complications after anatomic resection for non-small cell lung cancer (Smith, Wang, & others) 2007;84:1098-106\*; Discussion (Patterson, Reed, & others) 2007;84:1105-6, DI

Postoperative pneumonia after major pulmonary resections: an unsolved problem in thoracic surgery (Radu, Jauréguy, & others) 2007;84:1669-74\*; Invited Commentary (Beggs) 2007;84:1674, IC

Predictors of survival and disease-free survival in patients with resected N1 non-small cell lung cancer (Cerfolio & Bryant) 2007;84:182-90\*; Discussion (Schil, Bryant, & others) 2007;84:189-90, DI

**Resection (cont'd)**

- Quality of life before and after major lung resection for lung cancer: a prospective follow-up analysis (Brunelli, Socci, & others) 2007;84:410-6\*; Invited Commentary (Asaph) 2007;84:416, IC
- Sublobar resection for patients with peripheral small adenocarcinomas of the lung: surgical outcome is associated with features on computed tomographic imaging (Nakayama, Yamada, & others) 2007;84:1675-9\*
- Successful resection of giant solitary pulmonary metastasis from a phylloides tumor (Ganti, Svennevik, & others) 2007;84:1750-2, CR
- Surgical considerations for the management and resection of esophageal gastrointestinal stromal tumors (Blum, Bili-moria, & others) 2007;84:1717-23\*; Invited Commentary (Snow) 2007;84:1723, IC
- Surgical resection of pulmonary metastases from colorectal cancer: a systematic review of published series (Pfannschmidt, Dienemann, & Hoffmann) 2007;84:324-38, CV
- Sutureless pneumostasis using polyglycolic acid mesh as artificial pleura during video-assisted major pulmonary resection (Ueda, Tanaka, & others) 2007;84:1858-61\*
- Treatment of inflammatory myofibroblastic tumor of the chest: the extent of resection (Lee, Kim, & others) 2007;84:221-4\*
- Use of the LigaSure Vessel Sealing System in esophageal cancer surgery (Eroglu, Turkyilmaz, & others) 2007;84:2076-80, NT; Invited Commentary (Wright) 2007;84:2080, IC

**Revascularization**

- Comparison of on-pump or off-pump coronary artery revascularization with lung resection (Schoenmakers, Boven, & others) 2007;84:504-9\*
- Endovascular thoracic aortic aneurysm repair with concomitant myocardial and carotid revascularization (Rajagopal, Lima, & others) 2007;84:e1-3, CR
- Ileofemoral malperfusion complicated type A dissection: revascularization prevents renal failure (Long, Nair, & others) 2007;84:2099-101, CP
- Reevaluating the need for left subclavian artery revascularization with thoracic endovascular aortic repair (Reece, Gazoni, & others) 2007;84:1201-5; Discussion (Griepp, Reece, & Bavaria) 2007;84:1205, DI
- Sequential hybrid carotid and coronary artery revascularization: immediate and mid-term results (Versaci, Giudice, & others) 2007;84:1508-14\*; Discussion (Puskas, Zeitani, & others) 2007;84:1513-4, DI
- Successful revascularization of multiple coronary artery aneurysms using a combination of surgical strategies (Ghanta, Paul, & Couper) 2007;84:e10-11, CR

**Review of recent books**

- AFIP Atlas of Tumor Pathology, Series IV: Tumors of the Serosal Membranes* edited by Churg, Cagle, & Roggli (Rosai) 2007;84:1076, RV
- Arterial Grafting for Coronary Artery Bypass Surgery* edited by He (Eijssman) 2007;84:2140, RV
- Difficult Decisions in Thoracic Surgery: An Evidence-Based Approach* edited by Ferguson (Treasure) 2007;84:1800, RV
- Endovascular Therapies: Current Evidence* edited by Wyatt & Watkinson (Mitchell) 2007;84:2140, RV
- Heart Failure: A Combined Medical and Surgical Approach* edited by McCarthy & Young (Hendry) 2007;84:1800, RV
- ICU Recall* edited by Tribble & Thaemert (Hork & Savino) 2007;84:1428, RV
- Management of Acute Decompensated Heart Failure* edited by O'Connor, Stough, & others (Naka) 2007;84:362, RV

*Operative Thoracic Surgery* edited by Kaiser & Jamieson (Meyers) 2007;84:1428, RV

**Rheumatic mitral insufficiency**

- Posterior leaflet extension with an autologous pericardial patch in rheumatic mitral insufficiency (Zegdi, Khabbaz, & others) 2007;84:1043-4, HW

**Rib**

- Demonstration of an intrathoracic rib with computed tomography and three-dimensional reconstruction (Argyriou, Pousios, & others) 2007;84:2117, IM

**Rib grafts**

- Superior sternal cleft repair using autologous rib grafts in an infant with complex congenital heart disease (Hill, Argenta, & Hines) 2007;84:673-4, CR

**Riedel's thyroiditis**

- Unusual manifestation of Riedel's thyroiditis (Lee, Vonk-Noordegraaf, & others) 2007;84:300, IM

**Right aortic arch**

- Robotic division of an unusual variant of a right aortic arch (Robinson, Nathan, & others) 2007;84:670-3, CR

**Right atrial mass**

- Right atrial mass after primary repair of an atrial septal defect: thrombus masquerading as a myxoma (Sheikh, Schrepfer, & others) 2007;84:1742-4, CR

**Right atrial wall patch**

- Autologous right atrial wall patch for closure of atrial septal defects (Talwar, Choudhary, & others) 2007;84:913-6\*

**Right atrium**

- One-stage surgery of low-grade malignant intravenous uterine leiomyosarcomatosis with right atrium extension (Ma, Wu, & others) 2007;84:644-7, CR

**Right coronary artery**

- Child with sickle cell disease and anomalous right coronary artery (Egrie, Woodson, & others) 2007;84:2114-6, CP

**Right coronary artery aneurysm**

- Giant right coronary artery aneurysm (Blank, Haager, & others) 2007;84:1740-2, CR

**Right mainstem bronchus**

- Right mainstem bronchial kink after right upper lobectomy (Mueller & Foiles) 2007;84:1401, IM

**Right upper lobectomy**

- Right mainstem bronchial kink after right upper lobectomy (Mueller & Foiles) 2007;84:1401, IM

**Right ventricle**

- Isolated pseudohypoplasia of the right ventricle (Pastor, Aramendi, & others) 2007;84:668-70, CR

**Right ventricle-to-pulmonary artery conduit**

- Right ventricle-to-pulmonary artery conduit longevity: is it related to allograft size? (Askovich, Hawkins, & others) 2007;84:907-12\*; Discussion (Karamlou, Askovich, & others) 2007;84:910-1, DI

**Right ventricle-to-pulmonary artery shunt**

- Consequences of right ventricle-to-pulmonary artery shunt at the first stage for the Fontan operation (Januszewska, Stebel, & Malec) 2007;84:1611-8\*; Invited Commentary (Sano) 2007;84:1617-8, IC

**Right ventricular assist device**

- Long graft stumps: a safe approach? (Ootaki, Yoshimura, & Fukamachi) 2007;84:1798-9, CP

**Right ventricular dysfunction**

- Brain natriuretic peptide as noninvasive marker of the severity of right ventricular dysfunction in chronic thromboembolic pulmonary hypertension (Reesink, Tulevski, & others) 2007;84:537-43\*

### Right ventricular outflow tract

Mid-term clinical results using a tissue-engineered pulmonary valve to reconstruct the right ventricular outflow tract during the Ross procedure (Dohmen, Lembcke, & others) 2007;84:729-36\*

Right ventricular outflow tract reconstruction: what conduit to use? Homograft or Contegra? (Sierra, Christenson, & others) 2007;84:606-11\*; Discussion (Pigula, Christenson, & others) 2007;84:610-1, DI

Right ventricular outflow tract reconstruction with the bovine jugular vein graft: 5 years' experience with 133 patients (Sekarski, Meir, & others) 2007;84:599-605\*

### Ring annuloplasty

Prospective study of predicting factors in ischemic mitral regurgitation recurrence after ring annuloplasty (Roshanali, Mandegar, & others) 2007;84:745-9\*

### Risk factors

Atrial fibrillation after lung transplantation: timing, risk factors, and treatment (Mason, Marsh, & others) 2007;84:1878-84\*

Complications and risk factors for mortality during congenital heart surgery admissions (Benavidez, Gauvreau, & others) 2007;84:147-55\*

Current risk factors and outcomes for the arterial switch operation (Qamar, Goldberg, & others) 2007;84:871-9\*; Discussion (Jacobs, Mumtaz, & others) 2007;84:878-9, DI

Incidence and risk factors for lung injury after lung cancer resection (Alam, Park, & others) 2007;84:1085-91\*; Discussion (Mulligan & Alam) 2007;84:1091, DI

Is previous thoracic sympathectomy a risk factor for exertional heat stroke? (Sihoe, Liu, & others) 2007;84:1025-7, CR

Prevalence and associated risk factors for intervention in 313 children with subaortic stenosis (Karamlou, Gurofsky, & others) 2007;84:900-6; Discussion (Backer, Karamlou, & others) 2007;84:906, DI

Renal failure after cardiac surgery: timing of cardiac catheterization and other perioperative risk factors (Duca, Iqbal, & others) 2007;84:1264-71\*

Risk factors for occult mediastinal metastases in clinical stage I non-small cell lung cancer (Lee, Port, & others) 2007;84:177-81\*

Risk factors for perioperative stroke after thoracic endovascular aortic repair (Gutsche, Cheung, & others) 2007;84:1195-200\*; Discussion (Wheatley, Gutsche, & Bavaria) 2007;84:1200, DI

Tracheostomy is not a risk factor for deep sternal wound infection after cardiac surgery (Rahmanian, Adams, & others) 2007;84:1984-92\*; Invited Commentary (Berrizbeitia) 2007;84:1991-2, IC

### Risk-hazard outcome analysis

Subcoronary allograft aortic valve replacement: parametric risk-hazard outcome analysis to a minimum of 20 years (Hickey, Langley, & others) 2007;84:1564-70\*

### Risk prediction

Can the risk associated with surgery in type A aortic dissection be predicted accurately? (Lima-Cañadas, López-Almodovar, & others) 2007;84:1070, CP; Reply (Centofanti, Flocco, & others) 2007;84:1070-1

### Risk stratification

Logistic risk model for prolonged ventilation after adult cardiac surgery (Reddy, Grayson, & others) 2007;84:528-36\*

### Robotic technology

Robotic division of an unusual variant of a right aortic arch (Robinson, Nathan, & others) 2007;84:670-3, CR

Robotic surgery (Kumar) 2007;84:714, CP; Reply (Bonaros, Schachner, & Bonatti) 2007;84:714

Totally endoscopic mitral valve repair using a robotic-controlled atrial retractor (Smith, Stein, & others) 2007;84:633-7, NT

### Ross operation

Mid-term clinical results using a tissue-engineered pulmonary valve to reconstruct the right ventricular outflow tract during the Ross procedure (Dohmen, Lembcke, & others) 2007;84:729-36\*

Ross operation in children: effects of aortic annuloplasty (Stewart, Backer, & others) 2007;84:1326-30\*; Invited Commentary (Harkel) 2007;84:1330, IC

### Saphenous vein

Interactive effects of homocysteine and copper on angiogenesis in porcine isolated saphenous vein (Shukla, Angelini, & Jeremy) 2007;84:43-50\*; Invited Commentary (Cable) 2007;84:49-50, IC

### Sarcoidosis

Successful surgical treatment for dilated cardiomyopathy with cardiac sarcoidosis (Daimon, Sasaki, & others) 2007;84:e12-13, CR

### Sarcomatoid cancer of the lung

Sarcomatoid cancer of the lung: a predictor of poor prognosis (Martin, Correa, & others) 2007;84:973-81\*; Invited Commentary (Ferguson) 2007;84:981, IC

### Satellite nodules

Prognostic factors in resected satellite-nodule T4 non-small cell lung cancer (Rao, Sayeed, & others) 2007;84:934-9\*; Discussion (Rice, Sayeed, & others) 2007;84:939, DI

### Scheie's syndrome

Surgical treatment for mitral stenosis in Scheie's syndrome: mucopolysaccharidosis type I-S (Kitabayashi, Matsumiya, & others) 2007;84:654-5, CR

### Scientific misconduct

Journal ethics (Edmunds) 2007;84:717-9, ED

### Scleroderma

Comparison of surgical approaches to recalcitrant gastroesophageal reflux disease in the patient with scleroderma (Kent, Luketich, & others) 2007;84:1710-6\*; Discussion (Whyte, Kent, & Decamp) 2007;84:1715-6, DI

### Screenings

Role of positron emission tomography scanning in the management of lung nodules detected at baseline computed tomography screening (Veronesi, Bellomi, & others) 2007;84:959-66\*; Discussion (Swanson, Veronesi, & others) 2007;84:965-6, DI

### Segmental arteries

Preservation of spinal cord function after extensive segmental artery sacrifice: regional variations in perfusion (Halstead, Wurm, & others) 2007;84:789-94\*

### Segmentectomy

Anatomic segmentectomy in the treatment of stage I non-small cell lung cancer (Schuchert, Pettiford, & others) 2007;84:926-33\*; Discussion (Olak, Schuchert, & others) 2007;84:932-3, DI

Fast-tracking after video-assisted thoracoscopic surgery lobectomy, segmentectomy, and pneumonectomy (McKenna, Mahtabifard, & others) 2007;84:1663-8\*; Discussion (Cerfolio & McKenna) 2007;84:1667-8, DI

Pulmonary segmentectomy by thoracotomy or thoracoscopy: reduced hospital length of stay with a minimally-invasive approach (Atkins, Harpole, & others) 2007;84:1107-13\*; Discussion (Swanson, Atkins, & others) 2007;84:1112-3, DI

**Selective cerebral perfusion**

Effects of pH management during selective antegrade cerebral perfusion on cerebral microcirculation and metabolism: alpha-stat versus pH-stat (Dahlbacka, Alaoja, & others) 2007;84:847-56\*; Invited Commentary (Jacobs) 2007;84:855-6, IC

Perfusing the cold brain: optimal neuroprotection for aortic surgery (Halstead, Etz, & others) 2007;84:768-74\*; Discussion (Baumgartner & Halstead) 2007;84:774, DI

**Septal defects**

See Atrial septal defects; Ventricular septal defects

**Shear**

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**Shelhigh porcine pulmonary valve conduits**

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Juan Rosai, MD

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- 1830 Helical Computed Tomography Inaccuracy in the Detection of Pulmonary Metastases: Can It Be Improved?**  
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- 1862 Two-Year Improvement in Multidimensional Body Mass Index, Airflow Obstruction, Dyspnea, and Exercise Capacity Index After Nonresectional Lung Volume Reduction Surgery in Awake Patients**  
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- 1870 Complications of Silicone Stent Insertion in Patients With Expiratory Central Airway Collapse**  
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- 1897 Neurocognitive Outcomes of Off-Pump Versus On-Pump Coronary Artery Bypass: A Prospective Randomized Controlled Trial**  
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- 1904 Long-Term Survival After Surgery Versus Percutaneous Intervention in Octogenarians With Multivessel Coronary Disease**  
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- 1920 Myocardial Protection During Elective Coronary Artery Bypass Grafting Using High-Dose Insulin Therapy**  
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- 1928 Predicting Early Coronary Artery Bypass Graft Failure by Intraoperative Transit Time Flow Measurement**  
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- 1955 Fate of the Residual Distal and Proximal Aorta After Acute Type A Dissection Repair Using a Contemporary Surgical Reconstruction Algorithm**  
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- 1971 Combined Surgical and Endovascular Repair of Complex Aortic Pathologies With a New Hybrid Prosthesis**  
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- 1984 Tracheostomy is Not a Risk Factor for Deep Sternal Wound Infection After Cardiac Surgery**  
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- 2000 Extracorporeal Circulation Activates Endothelial Nitric Oxide Synthase in Erythrocytes**

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- 2004 Ventricular Restraint Prevents Infarct Expansion and Improves Borderzone Function After Myocardial Infarction: A Study Using Magnetic Resonance Imaging, Three-Dimensional Surface Modeling, and Myocardial Tagging**

Aaron S. Blom, DO, James J. Pilla, PhD, Jeffrey Arkles, MS, Larry Dougherty, PhD, Liam P. Ryan, MD, Joseph H. Gorman III, MD, Michael A. Acker, MD, and Robert C. Gorman, MD

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- 2011 Simvastatin Suppresses Lung Inflammatory Response in a Rat Cardiopulmonary Bypass Model**

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